

In dpmjet3.0-5F-new.f and dpm_pythia.f

```
8693 *c...data array added by liang to do test whether 1 particle is supposed
8694 *c...decay
8695     DIMENSION IDXSTA(40)
8696     DATA IDXSTA
8697 *      K0s   pi0   lam   alam   sig+   asig+   sig-   asig-   tet0   atet0
8698 & / 310, 111, 3122,-3122, 3222,-3222, 3112,-3112, 3322,-3322,
8699 *      tet- atet- om- aom- D+   D-   D0   aD0   Ds+   aDs+
8700 & 3312,-3312, 3334,-3334, 411, -411, 421, -421, 431, -431,
8701 *      etac lamc+alamc+sigc++ sigc+ sigc0asigc++asigc+asigc0 Ksic+
8702 & 441, 4122,-4122, 4222, 4212, 4112,-4222,-4212,-4112, 4232,
8703 C*      Ksic0 aKsic+aKsic0 sig0 asig0 jpsi phi
8704 C      & 4132,-4232,-4132, 3212,-3212, 443, 333, 3*0/
8705 *      Ksic0 aKsic+aKsic0 sig0 asig0
8706 & 4132,-4232,-4132, 3212,-3212, 5*0/
8707
```

old

	217	3	22	0	214	0	0
L	218	3	2212	0	215	0	0
?	219	3	443	0	217	0	0
}	220	3	2212	0	218	0	0
I	221	2	443	0	219	224	227
}	222	2	2212	0	220	230	231
}	223	1	11	0	3	0	0
?	224	1	-2212	0	221	0	0
}	225	2	111	0	221	238	239
}	226	2	113	0	221	228	229
}	227	1	2212	0	221	0	0
L	228	1	211	0	226	0	0
?	229	1	-211	0	226	0	0
}	230	16	2212	32	222	232	0
I	231	1	2112	32	222	0	0
}	232	1000	80000	230	6	233	237
}	233	1	2112	0	232	0	0
?	234	1	2112	0	232	0	0
}	235	1	22	0	232	0	0
}	236	1	22	0	232	0	0
}	237	1	80000	0	232	0	0
L	238	1	22	0	225	0	0
?	239	1	22	0	225	0	0
}	===== Event finished =====						

new

217	3	22	0	214	0	0
218	3	2112	0	215	0	0
219	3	443	0	217	0	0
220	3	2112	0	218	0	0
221	2	443	0	219	227	234
222	1	2112	0	220	0	0
223	1	11	0	3	0	0
224	1000	80000	213	6	225	226
225	1	2112	0	224	0	0
226	1	80000	0	224	0	0
227	1	-321	0	221	0	0
228	1	22	0	221	0	0
229	1	22	0	221	0	0
230	1	321	0	221	0	0
231	1	-211	0	221	0	0
232	1	211	0	221	0	0
233	1	22	0	221	0	0
234	1	22	0	221	0	0

----- Event finished -----

Black: all Jpsi decay products

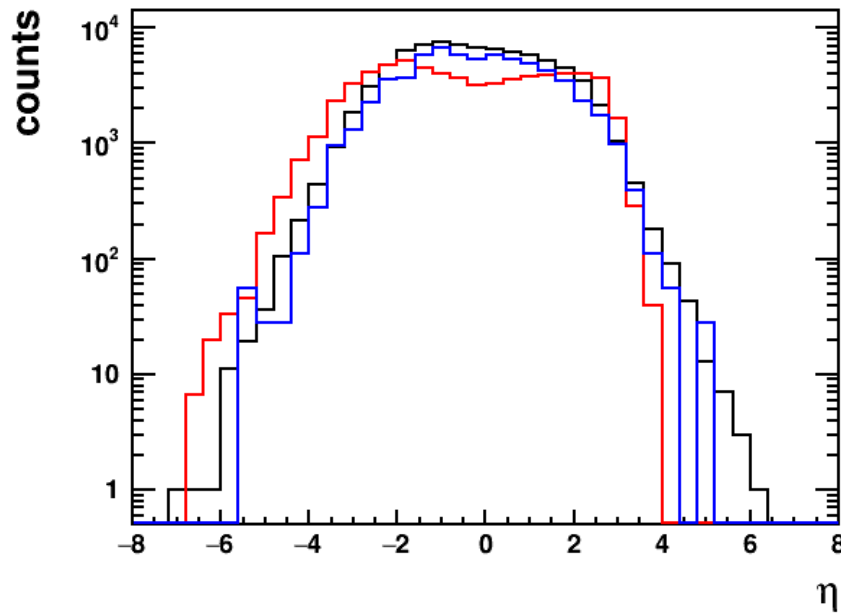
Red: jpsi distribution

Blue: dilepton productions of jpsi decay

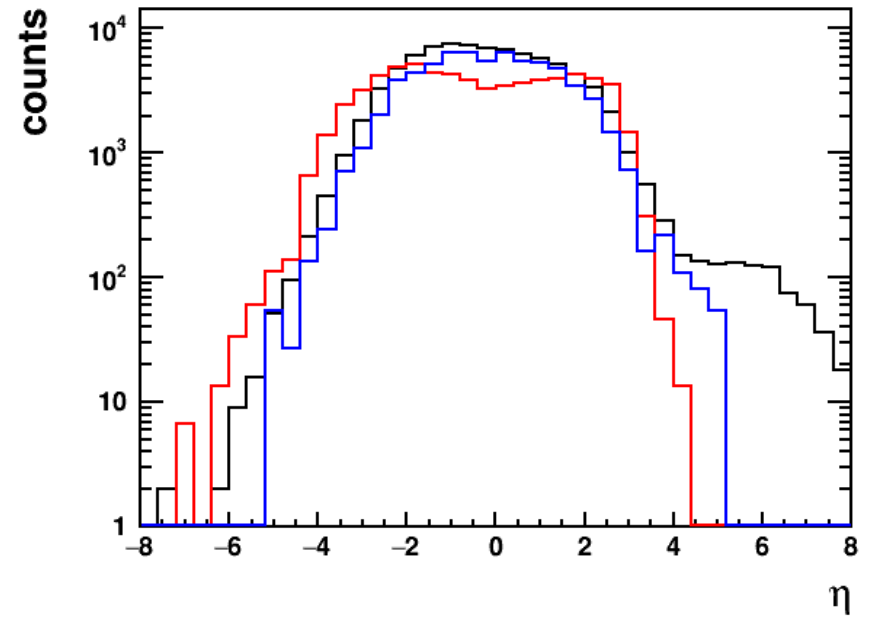
ePb 18x110

$1 < Q^2 < 20$, $0.01 < y < 0.95$

new

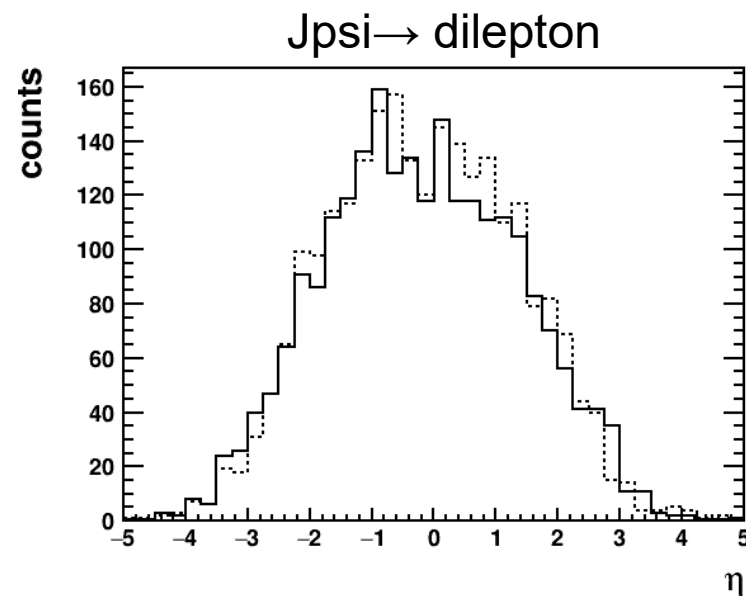
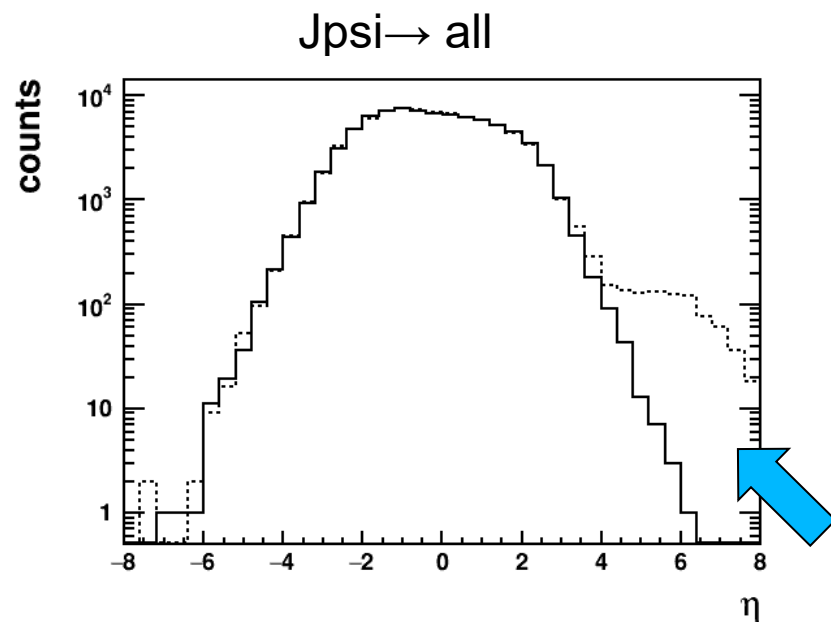
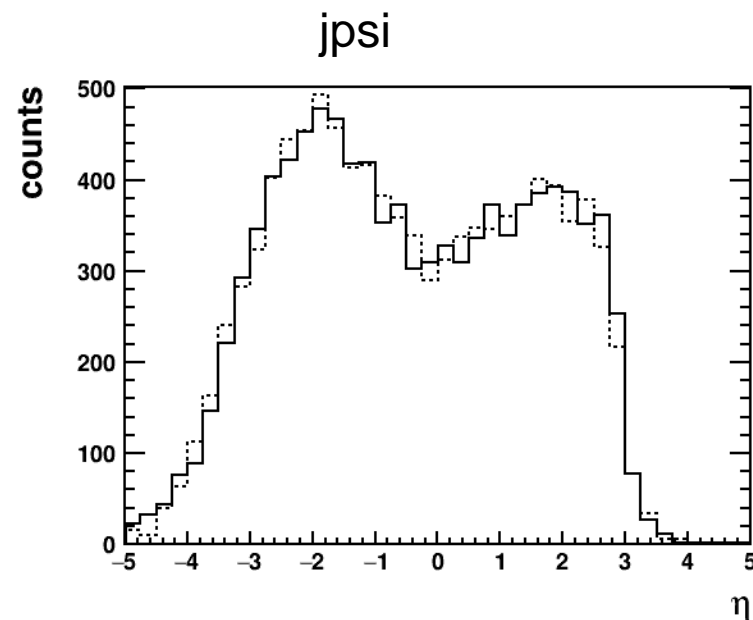


old



ePb 18x110
 $1 < Q^2 < 20$, $0.01 < y < 0.95$

Solid: new
Dash: old



Intra-Nuclear cascade particles from
 J/ψ decay hadronic products